

Specification - Revenue Refund Payment

Document Review and Change Summary	
Version/ Review Date	Brief Summary of Changes From Prior Version
Version 1.3 04/21/2005	<ul style="list-style-type: none">• Made DOC_BFY in ABS_DOC_HDR required.• Made DOC_FY_DC in ABS_DOC_ACTG required.• Made DOC_PER_DC in ABS_DOC_ACTG required.• Made BFY in ABS_DOC_HDR required.• Made FY_DC in ABS_DOC_ACTG required.• Made PER_DC in ABS_DOC_ACTG required.• Stylistic changes (e.g., section numbering)
Version 1.2 4/6/04	<ul style="list-style-type: none">• Added functions to support summary refunds, Document Code "RF3"• Added instructions for Summary Refund Vendor/Customer ID that will be assigned by CTR for all Summary Refunds.• Added example XML for Summary Refund.
Version 1.1 1/27/04	<ul style="list-style-type: none">• Document Code has changed from "RRP" to "RF1"• Update to Reference Document Type• Update to Accounting Line data elements Fund, Sub Fund, Department, Unit, Revenue Source.• Removed example of Refund without Reference document. Refunds will most likely "memo" reference a cash receipt (CR) document.
Version 1.0 9/5/03	<ul style="list-style-type: none">• Original
	<ul style="list-style-type: none">•

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1. Overview

1.1. Document Definitions and Naming Conventions

This component describes/defines the DTD naming conventions applied in this document.

Transaction Layout Definitions

- Attribute – The name of the data element in the database.
- Caption – The label on the User Interface that defines the data element.
- Description – A textual description of the data element.
- R/C – Required/Conditional. Required specifies that the data element is required by the interface for the transaction to successful submit. Conditional means that specified conditions must be adhered to by the interface for the transaction to successful submit. No Value or a Blank value means that the data element is not required.
- Type – The data type of the data element.
 - VarChar – Variable Character text. Alphanumeric data.
 - Byte – Unsigned character.
 - Char – Character. Fixed length alphanumeric text, required to meet the exact specified size.
 - Date – Date Format YYYY-MM-DD
 - Decimal – Numeric value with a specified decimal position (9,3) = 999999999.999
 - Boolean – True/False. True conditions = “true”, False conditions = “false”.
 - Memo – Alphanumeric Text with a maximum of 1500 characters.
 - Currency – Numeric, with two decimal positions. Format 9999.99.
 - Integer – Numeric value, a whole number.
 - Long – Numeric Value, a long whole number.
- Size – The (numeric) size of the data element
- NewMMARS Notes – Notes specific to the NewMMARS data element.

- CVL – Coded Value List, the value of the data element must come from the CVL table specified in the NewMMARS Notes.
- MMARS Derivation Notes – Notes specific to translating MMARS document layout data to NewMMARS.
 - H.TEXT – Data element from the header or document section of the MMARS document layout.
 - L.TEXT – Data element from the line or detail section of the MMARS document layout.

XML Definitions and Conventions

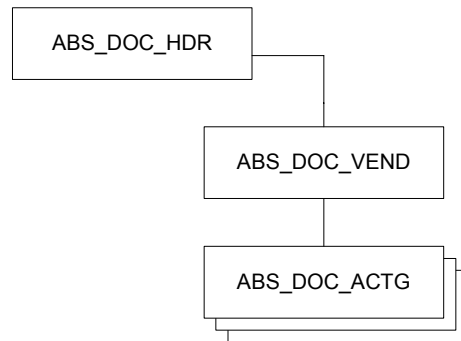
- Root - The NewMMARS XML file and document root declaration identifies required root elements that must be contained for the XML file or document (transaction) to load into NewMMARS.
 - The NewMMARS XML file must contain a single root element that contains specified attributes, at the file level.
 - Each document (transaction) contained within the XML file must contain a (document) root element which contains specified attributes, at the document level.
- Attributes - Attributes are name-value pairs that occur inside start-tags after the element name.
- Elements - Elements are the most common form of markup. Delimited by angle brackets, most elements identify the nature of the content they surround. Elements normally begins with a start-tag, <element>, and ends with an end-tag, </element>.
- CDATA Tags - In a document, CDATA instructs the parser to ignore (most) markup characters. Between the start of the section, <![CDATA[and the end of the section,]>, all character data is passed directly to the application, without interpretation. Elements, entity references, comments, and processing instructions are all unrecognized and the characters that comprise them are passed “literally” to the application.

1.2. Usage

A Revenue Refund (MMARS - RF) transaction is the disbursement for a repayment for receipts that were previously recorded as Revenue. NewMMARS application will process Revenue Refunds as transaction with a “RF1” Document with an Event Type = “AP10”. The NewMMARS RF1 document will issue a refund from the Commonwealth to a NewMMARS vendor/customer.

1.3. Logical Document Component Structure

The RF1 document (clone of GAX) has the following document structure:



The RF1 document contains the following sections:

Header – The Header section includes information common to all lines, such as date-of-record, budget fiscal year, and period.

Vendor – The Vendor section includes information about the customer being refunded.

Accounting Line – The Accounting Line section is the main data entry point in which the Department submits accounting line and detail information associated with a refund transaction. Information in this section includes event type, line amount and various additional chart of accounts information.

2.Publishable Specifications

2.1. Transaction Layout:

Components		R/C	Component Description
Document	2.2 AMS_DOCUMENT	R	Root element for the document transaction, which contains the following required attributes: <ul style="list-style-type: none"> • DOC_CAT • DOC_TYP • DOC_CD • DOC_DEPT_CD • DOC_ID • DOC_UNIT_CD • DOC_VERS_NO • DOC_IMPORT_MODE
	2.3 ABS_DOC_HDR	R	The Header component contains information common to all lines, such as the following required data elements: <ul style="list-style-type: none"> • DOC_CAT • DOC_TYP • DOC_CD • DOC_DEPT_CD • DOC_ID • DOC_UNIT_CD • DOC_VERS_NO
	2.4 ABS_DOC_VEND	R	The Vendor component contains information about the customer being billed. NewMMARS can automatically fill in (infer) some of the customer information, based upon set-up options configured. The following are required data elements for this component: <ul style="list-style-type: none"> • DOC_CAT • DOC_TYP • DOC_CD • DOC_DEPT_CD • DOC_ID • DOC_UNIT_CD • DOC_VERS_NO • VEND_CUST_CD

Components		R/C	Component Description
		R	<p>The Accounting Line is the main data entry point for accounting line and detail information associated with a Revenue Refund. The following are required data elements for this component (<i>italics may be required</i>):</p> <ul style="list-style-type: none"> • DOC_CAT • DOC_TYP • DOC_CD • DOC_DEPT_CD • DOC_ID • DOC_UNIT_CD • DOC_VERS_NO • LN_AM • <i>RFED_DOC_CD</i> • <i>RFED_DOC_DEPT_CD</i> • <i>RFED_DOC_ID</i> • <i>RFED_VEND_LN_NO</i> • <i>RFED_ACTG_LN_NO</i> • <i>RF_TYP</i> • FUND_CD • SFUND_CD • DEPT_CD • RSRC_CD • EVENT_TYP_ID

R – Required
C – Conditionally Required
O – Optional

2.2. RF1/RF3 Root Element Attributes: AMS_DOCUMENT

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
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Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located. This data element is also included/repeated in the Header, Vendor (/Customer) and Accounting Line components.	R	VarChar	8	The Document Category is a fixed entry for all Revenue Refund documents; the value is "ABS". DOC_CAT = "ABS"	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type. The Document Type is not visible on the RF1 Document User Interface but is required as a data element for the RF1 XML Document Interface file. This data element is also included/repeated in the Header, Vendor (/Customer) and Accounting Line components.	R	VarChar	8	The Document Type is a fixed entry for all Revenue Refund documents; the value is "ABS". DOC_TYP = "ABS"	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table. The Document Code is also included/repeated in the Header, Vendor(/Customer) and Accounting Line components.	R	VarChar	8	The Document Code is a fixed entry for all Revenue Refund documents; the value is "RF1". Refunds to a Customer DOC_CD = "RF1" Summary Refunds DOC_CD = "RF3"	H.TRANS-CODE
DOC_DEPT_CD	Document Department Code	The Document Department Code is the department submitting the Revenue Refund and is a data element is also included/repeated in the Header, Vendor(/Customer) and Accounting Line components.	R	VarChar	4	The Department is a Chart of Accounts code corresponding to the Department submitting the Revenue Refund.	H.TRANS - DEPT
DOC_UNIT_CD	Document Unit Code	The unit code associated with this document.	R	VarChar	8	The Department may be required to submit the Document Unit. Example: DOC_UNIT_CD = "1000"	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_ID	Document ID	The Document ID assigned by the Department. Document ID must be unique for original entries. Duplicate document identification numbers are not allowed in the system.	R	VarChar	20	An Interface Document ID must start with "INTF". The Document ID must be unique. The Document ID must be 20 characters ("INTF" + 16 remaining characters, no blank spaces).	H.TRANS-NUMBER
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		The Revenue Refund shall contain version number. DOC_VERS_NO = "1"	
DOC_IMPORT_MODE	Document Import Mode	The Document Import Mode is a fixed entry for all Revenue Refund documents; the value is "OE" for original documents.	R	VarChar	4	DOC_IMPORT_MOD = "OE"	

2.3. RF1/RF3 Document Component: ABS_DOC_HDR

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-CODE
DOC_DEPT_CD	Department	The department code assigned to this document.	R	VarChar	4	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-DEPT

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_ID	Document ID	The Document ID assigned by the Department. Document ID must be unique for original entries. Duplicate document identification numbers are not allowed in the system.	R	VarChar	20	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-NUMBER
DOC_UNIT_CD	Document Unit Code	The unit code associated with this document.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_VERS_NO	Document Version	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_NM	Document Name	Name for the document.		VarChar	60		
DOC_REC_DT_DC	Record date	The record date manually entered on the document header. If not manually entered, the date will default to the date the document was submitted successfully.		Date		Department may submit the Record Date data element or Record Date data element will default to date submitted.	
DOC_BFY	Budget FY	When on the header of a document, this is the default budget fiscal year that will be pushed to all accounting lines. When on any other level of a document, it is just a means of getting the header value to the accounting lines. This default value will become the accounting line's budget fiscal year where one is not manually entered or defaulted from a reference document.	R	Integer		If the value is left blank the value will default to the current Budget FY.	
DOC_FY_DC	Fiscal Year	The fiscal year associated with this document.	R	Integer		If the value is left blank the value will default to the current Fiscal Year.	
DOC_PER_DC	Period	The manually entered accounting period for a document in draft. If not manually entered, the field remains blank until the document is submitted successfully. At this point it was set to the current accounting period. This field will be automatically blanked out by the application on any modification or cancellation draft.	R	Byte		If the value is left blank the value will default to the current Period.	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_DSCR	Document Description	The description associated with the document.		VarChar	60		H.DOCUMENT-DESCRIPTION
BANK_ACCT_CD	Bank Account	The unique identification code associated with the bank account. This code is the key to the Bank (BANK) table. A bank account code is used in place of the actual bank account to prevent the posting of actual bank account numbers throughout the system.		VarChar	4	This value is system defaulted.	
EXT_DOC_DSCR	Extended Description	A free-form text field that will hold a large volume of information to be associated with a document component. It is larger than the regular description field, but still limited unlike attachments.		Memo			

2.4. RF1/RF3 Document Component: ABS_DOC_VEND

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-CODE
DOC_DEPT_CD	Document Department	The department code assigned to this document.	R	VarChar	4	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-DEPT

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_ID	Document Identifier	The Document ID assigned by the Department. Document ID must be unique for original entries. Duplicate document identification numbers are not allowed in the system.	R	VarChar	20	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-NUMBER
DOC_UNIT_CD	Document Unit Code	The unit code associated with this document.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_VERS_NO	Document Version	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_VEND_LN_NO	Document Vendor Line Number	The vendor line number visible to a user that uniquely identifies each vendor line within a document.		Integer		Not required for original entry. Default = "1"	
VEND_CUST_CD	Vendor Customer	The unique identifier assigned to the vendor/customer. In ADVANTAGE Financial, a vendor can also be a customer, allowing you to enter information only one time when a particular contact is both a vendor (payable) and a customer (receivable).	R	VarChar	20	For Refunds the Department enters a valid NewMMARS Vendor/Customer ID found in the Vendor/Customer (VCUST) Table. For Summary Refunds the Department shall enter the CTR specified Vendor/Customer ID assigned for Summary Refunds.	This will be the NewMMARS VCUST Code, not H.CUST-CODE
LGL_NM	Legal Name	The legally defined name of the company or individual represented by this record. The field is used for reporting if defined as not alias/DBA.		VarChar	60	System Generated.	H. NAME
ALIAS_NM	Alias/DBA	The alternate name, alias or operating name (doing business as) used to identify the account.		VarChar	60	Inferred.	
AD_ID	Address Code	The Address Code or ID given to a unique address for a vendor or customer. The use of different Address Codes will allow a single vendor or customer code to have multiple addresses.		VarChar	20	If left blank, the AD_ID will infer to the AD_ID set on Vendor/Customer (VCUST) Table. Inferred.	
AD_LN_1	Address Line 1	The first line of the address.		VarChar	75	Inferred.	H.ADDRESS-LINE1
AD_LN_2	Address Line 2	The second line of the address.		VarChar	75	Inferred.	H.ADDRESS-LINE2

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
CITY	City	The city name associated with the address.		VarChar	60	Inferred.	H. ADDRESS-CITY
ST	State	The state or province.		VarChar	2	CVL: Refer to R_ST Inferred.	H. ADDRESS-ST
ZIP	Zip	The zip code associated with the address.		VarChar	10	Inferred.	H.ZIP1 + "-" + H.ZIP2
CTRY	Country	The unique identification code associated with the country.		VarChar	3	Inferred.	
CNTY_NM	County	The name associated with the county. If you do not provide a county name, the name does not display on reports.		VarChar	75	Inferred.	
CNTAC_ID	Vendor Contact ID	The unique identification number assigned to the contact. The use of different contact ID's will allow a single vendor or customer code to have multiple contacts.		VarChar	20	Inferred.	
PRIN_CNTAC	Vendor Contact Name	The vendor's procurement contact.		VarChar	60	Inferred.	
VOICE_PH_NO	Vendor Contact Phone	The telephone number associated with the contact.		VarChar	30	Inferred.	
VOICE_PH_EXT	Vendor Contact Phone Ext	The telephone number extension associated with the contact.		VarChar	6	Inferred.	
EMAIL_AD	Vendor Contact Email	The email address associated with the contact.		VarChar	100	Inferred.	
FAX_PH_NO	Fax	The fax extension number associated with a contact, be it a vendor, customer, or internal contact.		VarChar	30	Inferred.	
FAX_PH_EXT	Fax Extension	The optional fax extension number associated with the fax number for a contact, be it a vendor, customer, or internal contact.		VarChar	6	Inferred.	
WEB_AD	Web Address http: //	The web address for this company/individual.		VarChar	100		
VEND_DISB_CAT	Disbursement Category	The vendor/customer disbursement category associated with the document.		VarChar	4		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
SCHED_PYMT_DT	Schedule Payment Date	The date that a vendor is scheduled to receive payment.		Date			L.SCHED-PYMT-YEAR + L.SCHED-PYMT-MONTH + L.SCHED-PYMT-DAY
DISB_PRTY_CD	Disbursement Priority	This field determines the order in which a disbursement is processed during the Automated Disbursement process. Must be valid on the Disbursement Priority page.		Integer			
DFLT_DISB_FRMT	Disbursement Format	The default disbursement format to be used when generating payments to this record. Must be valid on the Disbursement Format page.		VarChar	4		
HDLG_CD	Handling Code	The code associated with individual types of disbursement instrument handling.		Char	2		
ONL_DISB_RQST_FL	On Line Disbursement Rqst	Indicates that an online disbursement should be created for this payment. This flag cannot be selected if the disbursement type is EFT. If selected, this payment will be selected during the next on-line disbursement cycle.		Boolean			
PAY_THRD_PTY	Pay Third Party	When a Payment Request (PRC) or General Account Expenditure document (GAX) is entered and the payment should be made to the third party, the Third Party flag must be selected. Otherwise, the payment will be made to the primary vendor. The third party vendor must exist in the system, and must have a relationship established with the primary vendor on the Vendor Customer table. (The primary vendor must identify the vendor code of its third party.) When a payment is flagged to the third party on the Vendor Line, the PRC document will infer the third party information to the Payee fields on the Disbursement Request table (DRT).		Boolean			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DISC_1_DY	Days 1	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used.		Integer			
DISC_2_DY	Days 2	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_3_DY	Days 3	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used.		Integer			
DISC_4_DY	Days 4	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used.		Integer			
DISC_1_PC	Percent 1	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	(7,4)		
DISC_2_PC	Percent 2	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	(7,4)		
DISC_3_PC	Percent 3	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	(7,4)		
DISC_4_PC	Percent 4	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	(7,4)		

2.5. RF1/RF3 Document Component: ABS_DOC_ACTG

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-CODE
DOC_DEPT_CD	Document Department	The department code assigned to this document.	R	VarChar	4	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-DEPT
DOC_ID	Document Identifier	The Document ID assigned by the Department. Document ID must be unique for original entries. Duplicate document identification numbers are not allowed in the system.	R	VarChar	20	Same value as in the Root Element (AMS_DOCUMENT) component.	H.TRANS-NUMBER
DOC_UNIT_CD	Document Unit Code	The unit code associated with this document.	R	VarChar		Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_VERS_NO	Document Version	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same value as in the Root Element (AMS_DOCUMENT) component.	
DOC_ACTG_LN_NO	Accounting Line	The accounting line number visible to a user that uniquely identifies each accounting line within a document.	R	Integer		Department shall provide the accounting line number.	L.LINE-NUMBER
DOC_VEND_LN_NO	Vendor Line	The vendor line number visible to a user that uniquely identifies each vendor line within a document.		Integer		Not Required for original entries. Default = "1"	
DOC_FUNC_CD	Document Function	The function code associated with this document.		Integer			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
EVNT_TYP_ID	Event Type	The alpha-numeric identification code assigned to an event type. Each event type ID must be unique within the application. It is required when completing any accounting or budgeting document with the exception of certain journal vouchers. Default event types can be established on the Allowable Event Types for Document Code table for each document code for the most commonly used ones to reduce data entry. Other crosswalk tables aid accounts receivable and payable documents to default the correct event type when a document is referenced based on the one from the referenced document. It also may be a selection criteria on a parameter table, a key to a specific business rule on a control table, or the event type recorded on a historical record.	C	VarChar	4	<p>The Event Type, refer to the ETYP table/Page Code, is required for the RF1/RF3 document.</p> <p>A Default value will be set in Document Control.</p> <p>Value can be: AP09, Default for Refund AP10, Default for Summary Refund</p> <p>Event Types AP06, Deposit Rfd AP07, Prepayment Rfd AP08, URes Cr Bal Rfd AP09, Res Cr Bal Rfd AP10, Auth ER Rfnd</p>	
ACTG_TMPL_ID	Accounting Template	The unique identification code assigned to the accounting template. Accounting templates are used to bring in chart of account element codes for ease of data entry on documents.		VarChar	6	The Department may choose to set up an Accounting Template, which will contain Budget information. Use of the Accounting Template will default Account Template (Budget) information for the Accounting Line.	
ACTG_LN_DSCR	Line Description	The description associated with the line.		VarChar	100	The Department may choose submit a Line Description in this data element.	L.LINE-DESCRIPTION
LN_AM	Line Amount	The amount of an individual record of a document component, be it the header, vendor line, commodity line, accounting line, budget line, or allotment. The amount could also be the amount recorded to a table that tracks document updates such as the Statement Detail table or a journal.	R	Currency		The Department is required to provide a Line Amount for this data element.	L.LINE-AMOUNT
BFY	Budget FY	The budget fiscal year with which this calendar date is associated. Must be valid on the Fiscal Year page.	R	Integer		Default to current fiscal year.	H.BUDGET-YR

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
FY_DC	Fiscal Year	The fiscal year on an accounting document that defaults to the current year or is manually entered by a user, which is used to look up options, validate codes, and ultimately records accounting entries. This date is automatically cleared by the system when a modification or cancellation is done.	R	Integer		Default to current fiscal year.	H.FISC-YEAR
PER_DC	Period	The accounting period manually entered or loaded offline on a document's accounting line. The field is also populated when an accounting period is entered or loaded offline to the header that defaults to all accounting lines. If not manually or offline loaded, the field is set to the current period when the document reaches the final state. This period value is what is written to all journals and ledgers. This field is reset to blanks when a cancellation or modification is done.	R	Byte		Default to current period.	H.FISC-MONTH
BANK_ACCT_CD	Bank	The unique identification code associated with the bank account. This code is the key to the Bank (BANK) table. A bank account code is used in place of the actual bank account to prevent the posting of actual bank account numbers throughout the system.		VarChar	4		
VEND_INV_NO	Vendor Invoice Number	The invoice number from the invoice received from the vendor.		VarChar	30		
VEND_INV_LN_NO	Vendor Invoice Line	The invoice line number from the invoice received from the vendor.		Integer			
VEND_INV_DT	Vendor Invoice Date	The date of the invoice received from the vendor.		Date			
TRKG_DT	Tracking Date	Provides the ability to record or track any date related to the invoice or payment of goods and services.		Date			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
CHK_DSCR	Check Description	The text to be printed on the check stub.		VarChar	20		
RFED_DOC_CD	Ref Doc Code	The document code from the referenced document.	C	VarChar	8	<p>A Reference Document may be required based on Document Control settings.</p> <p>IF the Department is required to Reference a document, THEN the Department is required to submit the Document Code for the Referenced Document, such as CR for a Cash Receipt.</p>	
RFED_DOC_DEPT_CD	Ref Doc Dept	Department code that is part of the complete document identification of a referenced document.	C	VarChar	4	<p>A Reference Document may be required based on Document Control settings.</p> <p>IF the Department is required to Reference a document, THEN the Department is required to submit the Document Department for the Referenced Document.</p>	
RFED_DOC_ID	Ref Doc Id	The document identification code from the referenced document.	C	VarChar	20	<p>A Reference Document may be required based on Document Control settings.</p> <p>IF the Department is required to Reference a document, THEN the Department is required to submit a valid Document ID for the Referenced Document.</p>	L. LINE-PAYMENT-REF-NUM
RFED_VEND_LN_NO	Ref Vendor Line	The vendor line number from the referenced document.	C	Integer		<p>A Reference Document may be required based on Document Control settings.</p> <p>IF the Department is required to Reference a document, THEN the Department is required to submit the Vendor Line Number for the Referenced Document.</p>	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
RFED_ACTG_LN_NO	Ref Accounting Line	The accounting line number from the referenced document.	C	Integer		<p>A Reference Document may be required based on Document Control settings.</p> <p>IF the Department is required to Reference a document, THEN the Department is required to submit the Accounting Line Number for the Referenced Document</p>	
RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced transaction line. "Final" closes the referenced line, meaning additional references are not allowed. "Partial" and "Memo" do not close the referenced line, allowing additional transactions to reference this line.	C	Integer		<p>A Reference Document may be required based on Document Control settings.</p> <p>IF the Department is required to Reference a document, THEN the Department shall submit a Reference Type of 3 for "Memo" reference.</p> <p>Values: 1 – Partial – do not use 2 - Final – do not use 3 – Memo – use this value only</p>	
FUND_CD	Fund	The identification code associated with a fund record, which is an essential part of a governmental accounting system. Values may be entered as a chart of account element on a budget or accounting document. The Fund may also be used as a selection criteria on an input parameter. The Fund may be entered to associate rules with a fund that are designated on other tables than the fund table. Lastly, it can be the fund recorded on a historical record.	C	VarChar	4	<p>If the Department provides a valid Accounting Template, in ACTG_TMPL_ID, then the Fund data value will default from the Accounting Template.</p> <p>else If the Department does not provide an Accounting Template, in ACTG_TMPL_ID, the Department is required to provide Fund, which is part of a valid Budget.</p> <p>Must be valid Fund on the FUND table.</p>	L.FUND

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
SFUND_CD	Sub Fund	The identification code associated with the sub-fund.	C	VarChar	4	<p>If the Department provides a valid Accounting Template, in ACTG_TMPL_ID, then the Sub Fund data value will default from the Accounting Template.</p> <p>else If the Department does not provide an Accounting Template, in ACTG_TMPL_ID, the Department is required to provide Sub Fund, which is part of a valid Budget.</p> <p>Must be valid Sub Fund on the SFUND table.</p>	L.REPORTING-CATEGORY
DEPT_CD	Department	<p>An identification code assigned to an central organizational level element where the decentral structure is set.</p> <p>The department field may be used as an input field on a document, an additional key to another chart of account element, a selection criteria on a parameter table, a key to a specific business rule on a control table, a field to be inferred on a document, or the department value on a historical record.</p>	C	VarChar	4	<p>If the Department provides a valid Accounting Template, in ACTG_TMPL_ID, then the Department Code data value will default from the Accounting Template.</p> <p>else If the Department does not provide an Accounting Template, in ACTG_TMPL_ID, the Department is required to provide Department Code, which is part of a valid Budget.</p> <p>Must be valid Department on the DEPT table.</p>	L.DEPARTMENT
UNIT_CD	Unit	<p>Unit is the lowest organizational level in the main organizational structure. Only sub unit is lower, but it is not necessarily required as unit is. At the unit level, all the organizational elements it reports to are defined so that they are inferred to accounting documents. Unit codes themselves can be values entered on budgeting and accounting documents, keys to business rule tables, and values seen in historical records.</p>		VarChar	4	<p>Department will not be required to provide Unit Code. However, the use of Unit Code by the Department is highly encouraged by the Comptroller Office.</p> <p>If the Department provides a valid Accounting Template, in ACTG_TMPL_ID, then the Unit Code data value will default from the Accounting Template.</p> <p>Must be valid Unit on the UNIT table.</p>	<p>L.XORGANIZATION</p> <p>(Cross-walk needed)</p>

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
SUNIT_CD	Sub Unit	Sub Unit is a means of breaking down a unit code into smaller measurements. It is the lowest level of organizational structure and is required or prohibited based on one or more sub unit requirement tables.		VarChar	4	Must be valid Sub Unit on the SUNIT table.	
APPR_CD	Appr	The identification code assigned to a single appropriation unit. An appropriation is a budgeting Chart of Accounts element. The appropriation field may be used as an input field on a document, a selection criteria on a parameter table, a key to a specific business rule on a control table, a field to be inferred on a document, or the appropriation value on a historical record.		VarChar	9	Must be valid Appropriation on the APPR table.	L. APPR-CODE
OBJ_CD	Object	The identification code associated with an object of expenditure. Object is a fund accounting Chart of Accounts element. These codes can then be used to create expense budgets, track spending activity, trigger business rules, and serve as selection criteria for batch jobs.		VarChar	4	Must be valid Object on the OBJ table.	
SOBJ_CD	Sub Object	The identification code associated with the sub-object. Sub-object is a fund accounting Chart of Accounts element.		VarChar	4	Must be valid Sub Object on the SOBJ table.	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
RSRC_CD	Revenue Source	Revenue sources are used to track individual sources of revenue taken in.	C	VarChar	4	<p>If the Department provides a valid Accounting Template, in ACTG_TMPL_ID, then the Revenue Source data value will default from the Accounting Template.</p> <p>If the Department does not provide an Accounting Template, in ACTG_TMPL_ID, the Department is required to provide Revenue Source, which is part of a valid Budget.</p> <p>Must be valid Revenue Source on the RSRC table.</p>	L.REVENUE-SOURCE
SRSRC_CD	Sub Revenue Source	The identification code associated with the sub-revenue source.		VarChar	4	Must be valid Sub Revenue Source on the SRSRC table.	L.SUB-REV-SOURCE
DOBJ_CD	Dept Object	The identification code assigned to the Department object.		VarChar	4		
DRSRC_CD	Dept Revenue	The code assigned to the department revenue source.		VarChar	4		
LOC_CD	Location	The identification code assigned to the location. Location is a programmatic Chart of Accounts element.		VarChar	4		
SLOC_CD	Sub Location	The identification code associated with the sub-location.		VarChar	4		
ACTV_CD	Activity	The identification code associated with the activity. An activity is an internal program that you want to define for budgeting and/or reporting purposes. Activities can cut across agency and fund boundaries.		VarChar	4		
SACTV_CD	Sub Activity	The identification code associated with the sub-activity.		VarChar	4		
FUNC_CD	Function	The identification code associated with the function. The function code defines broad operational objectives, such as instruction, support services, and facilities acquisition.		VarChar	4		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
SFUNC_CD	Sub Function	The identification code associated with the sub-function.		VarChar	4		
RPT_CD	Reporting	The reporting code element is a programmatic element that can be used in many different ways for measurement and tracking. It is even used as an informal cost accounting entity at times. It can be used on all accounting documents and is stored in journals and optionally in ledgers.		VarChar	10		
SRPT_CD	Sub Reporting	Sub reporting codes are used to further define a specific reporting code.		VarChar	4		
TASK_CD	Task	The unique identification code assigned to the task.		VarChar	4		
STASK_CD	Sub Task	The sub task is a means of breaking down tasks into smaller components.		VarChar	4		
TASK_ORD_CD	Task Order	The unique identification code assigned to the task order.		VarChar	6		
PROG_CD	Program	The identification code assigned to the program. Program is a cost accounting Chart of Accounts element. The program field may be used as an input field on a document, a selection criteria on a parameter table, a key to a specific business rule on a control table, a field to be inferred on a document, or the program value on a historical record.		VarChar	6		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
MJR_PROG_CD	Major Program	The unique identification code assigned to the major program. This is the highest level in the cost accounting hierarchy. Many options and controls are set at this level which may or may not be able to be modified at lower levels. The field is often seen as protected on documents, because it is inferred based on the program code. This is enabled because of a mandatory association of every program with a major program on the Program table.		VarChar	6		
PHASE_CD	Phase	The identification code assigned to the phase. Phase is a cost accounting Chart of Accounts element representing a phase of a program.		VarChar	4		
PPC_CD	Program Period	The identification code assigned to the program period.		VarChar	6		
SVC_FRM_DT	Service From Date	The service from date from the Payment Request document.		Date			
SVC_TO_DT	Service To Date	The service to date from the Payment Request document		Date			

3.Examples

3.1. Example –Revenue Refund Document Interface

The Department submits a XML file that contains a Revenue Refund Payment Document, which contains a referencing document:

1. The Document is an original entry so the version number = “1”.
2. The Vendor/Customer Code is “2025450155”.
3. The Event Type is “AP10” for Authorized Earned Revenue Refund.
4. Line Amount is “\$10.00” for this Revenue Refund.
5. The Account Line Component Budget information:
 - a. Fund Code will come from the reference document.
 - b. Sub Fund Code will come from the reference document.
 - c. Revenue Source will come from the reference document.
 - d. Department Code is will come from the reference document.
6. The Reference Document information:
 - a. Reference Document Code is “CR”
 - b. Reference Document Department is “ANF”
 - c. Reference Document ID is “INTF0000000000000001”
 - d. Reference Vendor Line Number is “1”
 - e. Reference Accounting Line Number is “1”
 - f. Reference Type is “Partial”

The XML for this example:

```
<AMS_DOC_XML_IMPORT_FILE VERSION="1.0" >  
  <AMS_DOCUMENT  
    DOC_CAT="ABS"
```

```

DOC_TYP="ABS"
DOC_CD="RF1"
DOC_DEPT_CD="ANF"
DOC_ID="INTF1234567890123456"
DOC_UNIT_CD="1000"
DOC_VERS_NO="1"
DOC_IMPORT_MODE="OE">

<ABS_DOC_HDR AMSDataObject="Y">
  <DOC_CAT Attribute="Y"><![CDATA[ABS]]></DOC_CAT>
  <DOC_TYP Attribute="Y"><![CDATA[ABS]]></DOC_TYP>
  <DOC_CD Attribute="Y"><![CDATA[RF1]]></DOC_CD>
  <DOC_DEPT_CD Attribute="Y"><![CDATA[010]]></DOC_DEPT_CD>
  <DOC_ID Attribute="Y"><![CDATA[INTF1234567890123456]]></DOC_ID>
  <DOC_UNIT_CD Attribute="Y"><![CDATA[1000]]></DOC_UNIT_CD>
  <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
</ABS_DOC_HDR>

<ABS_DOC_VEND AMSDataObject="Y">
  <DOC_CAT Attribute="Y"><![CDATA[ABS]]></DOC_CAT>
  <DOC_TYP Attribute="Y"><![CDATA[ABS]]></DOC_TYP>
  <DOC_CD Attribute="Y"><![CDATA[RF1]]></DOC_CD>
  <DOC_DEPT_CD Attribute="Y"><![CDATA[ANF]]></DOC_DEPT_CD>
  <DOC_ID Attribute="Y"><![CDATA[INTF1234567890123456]]></DOC_ID>
  <DOC_UNIT_CD Attribute="Y"><![CDATA[1000]]></DOC_UNIT_CD>
  <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
  <VEND_CUST_CD Attribute="Y"><![CDATA[2025450155]]></VEND_CUST_CD>
</ABS_DOC_VEND>

<ABS_DOC_ACTG AMSDataObject="Y">
  <DOC_CAT Attribute="Y"><![CDATA[ABS]]></DOC_CAT>
  <DOC_TYP Attribute="Y"><![CDATA[ABS]]></DOC_TYP>
  <DOC_CD Attribute="Y"><![CDATA[RF1]]></DOC_CD>
  <DOC_DEPT_CD Attribute="Y"><![CDATA[010]]></DOC_DEPT_CD>
  <DOC_ID Attribute="Y"><![CDATA[INTF1234567890123456]]></DOC_ID>
  <DOC_UNIT_CD Attribute="Y"><![CDATA[1000]]></DOC_UNIT_CD>
  <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
  <RFED_DOC_CD Attribute="Y"><![CDATA[CR]]></RFED_DOC_CD>
  <RFED_DOC_DEPT_CD Attribute="Y"><![CDATA[ANF]]></RFED_DOC_DEPT_CD>
  <RFED_DOC_ID Attribute="Y"><![CDATA[INTF0000000000000001]]></RFED_DOC_ID>
  <RFED_VEND_LN_NO Attribute="Y"><![CDATA[1]]></RFED_VEND_LN_NO>
  <RFED_ACTG_LN_NO Attribute="Y"><![CDATA[1]]></RFED_ACTG_LN_NO>

```

```

    <RF_TYP Attribute="Y"><![CDATA[1]]></ RF_TYP >
    <LN_AM Attribute="Y"><![CDATA[10.00]]></LN_AM>
    <EVNT_TYP_ID Attribute="Y"><![CDATA[AP09]]></EVNT_TYP_ID>
</ABS_DOC_ACTG>

</AMS_DOCUMENT>

</AMS_DOC_XML_IMPORT_FILE>

```

3.2. Example –Revenue Refund Document Interface

The Department submits a XML file that contains a Revenue Refund Payment Document for a Summary Refund

```

<AMS_DOC_XML_IMPORT_FILE VERSION="1.0" >

  <AMS_DOCUMENT
    DOC_CAT="ABS"
    DOC_TYP="ABS"
    DOC_CD="RF3"
    DOC_DEPT_CD="ANF"
    DOC_ID="INTF1234567890123456"
    DOC_UNIT_CD="1000"
    DOC_VERS_NO="1"
    DOC_IMPORT_MODE="OE">

    <ABS_DOC_HDR AMSDataObject="Y">
      <DOC_CAT Attribute="Y"><![CDATA[ABS]]></DOC_CAT>
      <DOC_TYP Attribute="Y"><![CDATA[ABS]]></DOC_TYP>
      <DOC_CD Attribute="Y"><![CDATA[RF3]]></DOC_CD>
      <DOC_DEPT_CD Attribute="Y"><![CDATA[010]]></DOC_DEPT_CD>
      <DOC_ID Attribute="Y"><![CDATA[INTF1234567890123456]]></DOC_ID>
      <DOC_UNIT_CD Attribute="Y"><![CDATA[1000]]></DOC_UNIT_CD>
      <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
    </ABS_DOC_HDR>

    <ABS_DOC_VEND AMSDataObject="Y">
      <DOC_CAT Attribute="Y"><![CDATA[ABS]]></DOC_CAT>
      <DOC_TYP Attribute="Y"><![CDATA[ABS]]></DOC_TYP>
      <DOC_CD Attribute="Y"><![CDATA[RF3]]></DOC_CD>
      <DOC_DEPT_CD Attribute="Y"><![CDATA[ANF]]></DOC_DEPT_CD>
      <DOC_ID Attribute="Y"><![CDATA[INTF1234567890123456]]></DOC_ID>
      <DOC_UNIT_CD Attribute="Y"><![CDATA[1000]]></DOC_UNIT_CD>
    </ABS_DOC_VEND>
  </AMS_DOCUMENT>
</AMS_DOC_XML_IMPORT_FILE>

```

```
<DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
<VEND_CUST_CD Attribute="Y"><![CDATA[VC6000272612]]></VEND_CUST_CD>
</ABS_DOC_VEND>
```

```
<ABS_DOC_ACTG AMSDataObject="Y">
  <DOC_CAT Attribute="Y"><![CDATA[ABS]]></DOC_CAT>
  <DOC_TYP Attribute="Y"><![CDATA[ABS]]></DOC_TYP>
  <DOC_CD Attribute="Y"><![CDATA[RF3]]></DOC_CD>
  <DOC_DEPT_CD Attribute="Y"><![CDATA[010]]></DOC_DEPT_CD>
  <DOC_ID Attribute="Y"><![CDATA[INTF1234567890123456]]></DOC_ID>
  <DOC_UNIT_CD Attribute="Y"><![CDATA[1000]]></DOC_UNIT_CD>
  <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
  <UNIT_CD Attribute="Y"><![CDATA[1000]]></UNIT_CD>
  <FUND_CD Attribute="Y"><![CDATA[0100]]></FUND_CD>
  <SFUND_CD Attribute="Y"><![CDATA[0000]]></SFUND_CD>
  <RSRC_CD Attribute="Y"><![CDATA[3000]]></RSRC_CD>
  <DEPT_CD Attribute="Y"><![CDATA[ANF]]></DEPT_CD>
  <LN_AM Attribute="Y"><![CDATA[10000.00]]></LN_AM>
  <EVNT_TYP_ID Attribute="Y"><![CDATA[AP10]]></EVNT_TYP_ID>
</ABS_DOC_ACTG>
```

```
</AMS_DOCUMENT>
```

```
</AMS_DOC_XML_IMPORT_FILE>
```